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PATENT

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| Certificate of Mailing: Date of Deposit: <u>May 16, 2002</u> | |
| I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. | |
| <u>Moya Kinnealey</u> | <u>Moya Kinnealey</u> |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|--|---------------|-------------|
| Applicant: | Roy A. Gravel et al. | Art Unit: | 1652 |
| Serial No.: | 09/371,347 | Examiner: | D. Steadman |
| Filed: | August 10, 1999 | Customer No.: | 21559 |
| Title: | HUMAN METHIONINE SYNTHASE REDUCTASE: CLONING, AND METHODS FOR EVALUATING RISK OF NEURAL TUBE DEFECTS, CARDIOVASCULAR DISEASE, AND CANCER | | |

Assistant Commissioner For Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. § 1.825

In reply to the Office Action mailed November 16, 2001 and as required by 37 C.F.R. § 1.825(a), enclosed is an amended sequence listing consisting of 27 sheets to be inserted at the end of the application. The Sequence Listing was amended to include the FMN, FAD, and NADPH binding sites of human methionine synthase reductase, as disclosed in Fig. 4 (SEQ ID NOs: 52-61) and as recited in new claims 48 and 49. I hereby submit that the substitute sheets contain no new matter.

As required by 37 C.F.R. § 1.825(b), enclosed is a diskette containing a copy of the sequence listing in computer readable form including all previously submitted data with the amendments incorporated therein. The contents of the computer readable form are the same as the contents of the paper sheets.

If there are any charges or any credits, please apply them to Deposit Account No.

03-2095.

Respectfully submitted,

Date: May 16, 2002

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21559

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